



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB DB3225L-1
Job Sheet 189119



Part No: RB DB3225L-1

Job Qty: 8 pcs

Part Name: Drain Hose Adapter



Part Weight: 0 lbs

DAS
03
9-89

Status: New

Priority: Medium

Job Created: 1/18/19

Job Tracking No:

Due Date: 2/16/19

Created By: Dara Macdonald

Type: Stock

Description:

Note: DWG RB DB3225L Rev 7A IPP Rev A 18.02.23 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	SL-154 - 1	8 pcs	2/16/19	2/16/19	0.00	4.00	SL-154 - 1	JB 19-02-15
120	QC 2	8 pcs	2/16/19	2/16/19	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 38	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 54	
							QC 2 - 56	
							QC 2 - 57	
							QC 2 - 62	JB 19-02-15
							QC 2 - 63	
							QC 2 - 8	

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 (613) 632-5200
Email: sales@dartaero.com
www.dartaero.com



Container No: S154029



Part: RB DB3225L-1

Job No: 189119

Serial No/Batch: S154029

Revision: J

Inspector:

Exp Date:

Part: RB DB3225L-1

DAS
62
9-89

DAS
62
9-89

130	QC 8	8 pcs	2/16/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 38	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
150	Outsource - 4 - Anodize	8 pcs	2/16/19		ATG001-VC	10 CT 19-03-01
160	Packaging 2-1 - Receive - B4B	8 pcs	2/16/19	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
170	QC 6	8 pcs	2/16/19	0.00 0.00	QC 6 - 38	

				QC 6 - 42	
				QC 6 - 9	DAS
				QC 6 - 68	MAR 13 2019 68
				QC 6 - 61	9-89
180	Packaging 3-1 - Stock - B4B	8 pcs	2/16/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B
					Packaging 3 - 27 - B4B
					Packaging 3 - 28 - B4B
					Packaging 3 - 29 - B4B
					Packaging 3 - 30 - B4B
					Packaging 3 - 31 - B4B
					Packaging 3 - 32 - B4B
					Packaging 3 - 33 - B4B
					Packaging 3 - 34 - B4B
					Packaging 3 - 35 - B4B
					Packaging 3 - 36 - B4B
190	QC 21 - SA	8 pcs	2/16/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70

Part Op 110 - MORI SL-154 LATHE - 1-Machine as per DWG. FOLIO 611 FOLIO REV: DWG REV: MAR 14 2019

Descriptions: 2-Deburr

120 - QC2- Inspect parts off machine FAI/FAIB

130 - QC8- Inspect parts - second check

150 - -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Certificate of Conformity is required

160 - Receive & Inspect for Damage & Mat'l Certs

170 - QC6- All purchased or subcontracted products

180 - Identify as per dwg & Stock Location:

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R0.875	6061-T6 Round Bar .875"	.9160 ft (.1145 ea)	110-SL-154 - 1	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-SL-154 - 1	M6061T6R0.875	1	19	0

Part Specifications
Specifications could not be found.

Plex 1/25/19 3:17 PM Dart.Hadley.Shannon



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RB DB3225L-1 Job Sheet 189119



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Job Qty: 8 ea

Part Name: Drain Hose Adapter



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Status: New

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Job Created: 1/18/19

Job Tracking No:

Due Date: 2/16/19

Created By: Dara Macdonald

Type: Stock

Description:

Note: DWG RB DB3225L Rev 7A IPP Rev A 18.02.23 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	8 Ea		2/16/19	0.00	0.00	Start Up Machining-4		
110	CNC Lathe	8 pcs		2/16/19	0.00	4.00	SL-154		
120	QC	8 pcs		2/16/19	0.00	0.00	QC2		
130	QC	8 pcs		2/16/19	0.00	0.00	QC8		
150	Outsource	8 pcs		2/16/19			ATG001-VC	10	
160	Packaging	8 pcs		2/16/19	0.00	0.00	Packaging2		
170	QC	8 pcs		2/16/19	0.00	0.00	QC6		
180	Packaging	8 pcs		2/16/19	0.00	0.00	Packaging3		
190	QC21-SA	8 Ea		2/16/19	0.00	0.00	QC21		

Part Op 110 - 1-Machine as per DWG. FOLIOFB _____ FOLIO REV: _____ DWG REV: _____ 2-Debur
Descriptions: 150 - -Issue P/O to ATG : PO _____ -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water
sealant -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M6061T6R0.875	6061-T6 Round Bar .875"	.9160 ft (.1145 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M6061T6R0.875	1	19	0

Part Specifications

Specifications could not be found.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

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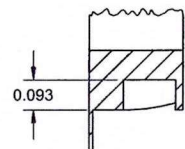
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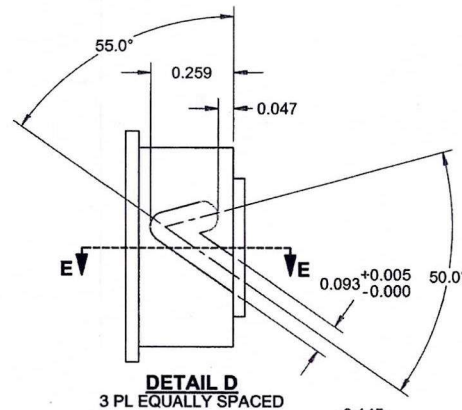
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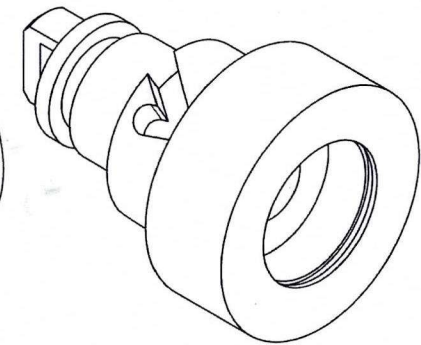
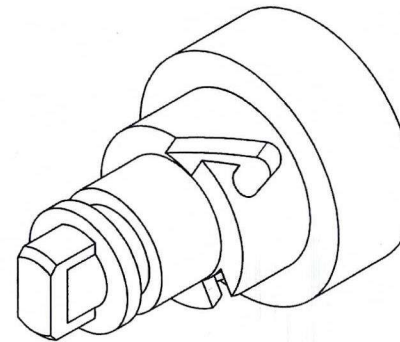
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SECTION E-E
TYPICAL



DETAIL D
3 PL EQUALLY SPACED



D

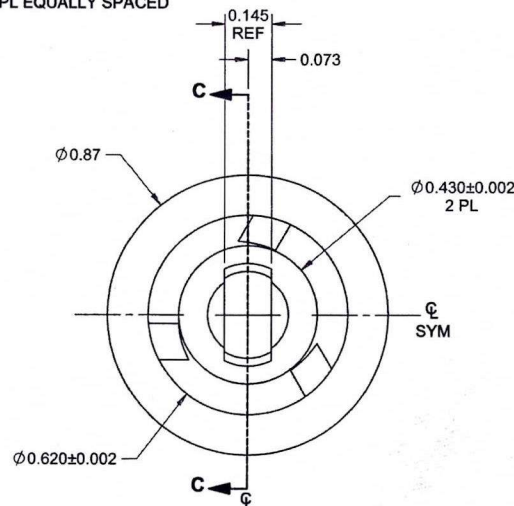
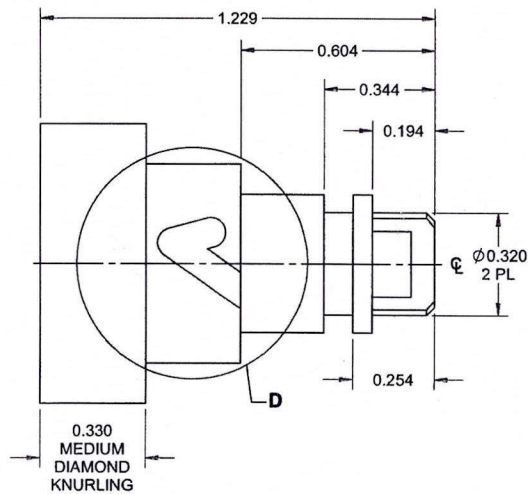
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B

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RB DB3225L-1 FITTING END

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NOTES:

- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1"
X.XX = +/- 0.01" / +/- 0.5"
X.XXX = +/- 0.005" / +/- 0.1"
X.XXXX = +/- 0.0005" / +/- 0.05"
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A
- 8) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RB DB3225L-1 REV. J.STEP

A

A

DESIGN	MBB	DART AEROSPACE LTD	
DRAWN	MBB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. J
MFG. APPR.	JFC	RB DB3225L	SHEET 4 OF 9
APPROVED	VTC	TITLE	SCALE
		T/R GEARBOX AND FREEWHEELING ASSY DRAIN	NTS
		TOOL	
DATE	2/11/2019	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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DAS
03
9-89



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042766



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042766

PO Date: 3/1/19

Due Date: 3/8/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	191099	RBE350A94-3701-00-03	6° Main Rotor Rigging Tool (Outsource process-Anodize per QSI017 4.1.10.1), -Issue P/O; PO -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed	-	3/8/19	12 pcs	0 pcs	12 pcs	\$12.11/pcs	\$145.32
2	189349	RBE350A94-3700-C-07	Top -Issue P/O: PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant As Per Dwg RBE350A94-3700-C-07 Rev 6 -Certificate of Conformity is required	Firmed	-	3/8/19	12 pcs	0 pcs	12 pcs	\$6.55/pcs	\$78.60



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PURCHASE ORDER PO042766



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	190530	RBW6705G02431-3G-1	Lever Rigging Fork Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL -Certificate of Conformity is required	Firmed	-	3/8/19	27 pcs	0 pcs	1 pcs	\$12.11/pcs	\$12.11
4	188672	RB DB3225L-1	Fitting End -Issue P/O to ATG : PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE- 2 CLASS-2, Water sealant -Certificate of Conformity is required	Firmed	-	3/8/19	15 pcs	0 pcs	15 pcs	\$6.55/pcs	\$98.25
	189119			Firmed	-	3/8/19	8 pcs	0 pcs	8 pcs	\$6.55/pcs	\$52.40
Sub Total:							23	0	23		\$150.65
5	190242	RBW6510A00436W142C-3T-5	Upright -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE- 2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	3/8/19	2 pcs	0 pcs	2 pcs	\$6.55/pcs	\$13.10
Grand Total:											\$399.78



Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO042766



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/8/19 8:06 AM dart.tsimiklis.chrisoula



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917392

Date: 07-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
✓ 12 ea	Part: RBE350A94-3700-C-07 ✓ Top Anodize per MIL-A-8625F, Type II, Class 2, Red, .0004-.0010" (.4 - 1 mils). Water Sealant Job: 24732		Rev: 6 PO: PO042766 ✓ Line:
✓ 12 ea	Part: RBE350A94-3701-00-03 ✓ 6° Main Rotor Rigging Tool Anodize per MIL-A-8625F, Type II, Class 2, Black, .0004-.0010" (.4 - 1 mils)., Water Sealant Job: 24731		Rev: D PO: PO042766 ✓ Line: 1
✓ 2 ea	Part: RBW6705G02431-3G-1 ✓ Lever Rigging Fork M/R Actuator Anodize per MIL-A-8625F, Type II, Class 1, Clear, .0004-.0010" (.4 - 1 mils), Water Sealant Job: 24733		Rev: 1B PO: PO042766 ✓ Line: 3
✓ 23 each	Part: RB DB3225L-1 ✓ Fitting End Anodize per MIL-A-8625F, Type II, Class 2, Red .0004-.0010" (.4 - 1 mils). Water Sealant Job: 24734		Rev: J PO: PO042766 ✓ Line: 4-5
✓ 2 each	Part: RBW6510A00436W142C-3T-5 ✓ Upright Anodize per MIL-A-8625F, Type II, Class 2, Red, Water Sealant .0004-.0010" (.4 - 1 mils). Job: 24735		Rev: 3A PO: PO042766 ✓ Line: 6
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.			
Made in Canada.			



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917392

Date: 07-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Date: <u>2/2/19</u>	
	Certified Signature: <u>[Signature]</u>	
	Receiver Signature: _____	
A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.		
Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.		
Made in Canada.		